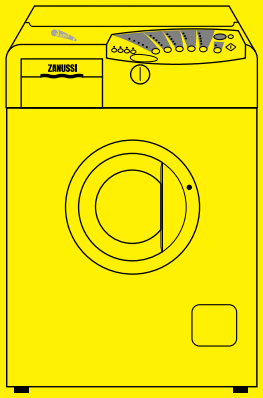
ZANUSSI

WASHER-DRYER
WD 15



INSTRUCTION BOOKLET

124976770

Your New Washer-Dryer

Your new washer-dryer, fitted with the Zanussi "JET SYSTEM", meets all modern needs for effective treatment of laundry with low water, energy and detergent consumption.

Even small loads are washed "economically" because the amount of water used is regulated automatically according to the load and type of fabric.

- **The "Memory" buttons** make it possible to store the wash programmes most used, which are then easy to recall when needed.
- **The possibility** of selecting the temperature, spin speed and all the options offered by this machine gives you truly "customised" washing.
- **The DELAY START** option allows you to delay starting of the wash or drying programme to any time of day, so allowing you - for instance - to make use of overnight economy electricity tariffs.
- **Fuzzy Logic technology** enables the washing time in the White cotton and Coloured cotton programmes to be calculated automatically according to the weight of the laundry.
- **Automatic cooling of the wash water to 60°C** before draining, with the 95°C programme, prevents distortion of plastic pipes in the domestic water system due to the high temperature of the water.
- **The special wool programme** with its new delicate wash system treats your woollen with extreme gentleness.
- **The drying programmes** will enable you to have dry and soft laundry in a short time.
- **The anti-unbalance device** ensures that the washing machine remains stable when spinning.

Ecological hints

To save water and energy and help protect the environment, we recommend that you follow these hints:

- Adjust the quantity of detergent according to the hardness of your water supply, the amount of laundry and the degree of soiling.
- Select an "economy" programme for normally soiled laundry and a "quick" programme for lightly soiled laundry.
- A programme without prewash is sufficient for normally soiled laundry.

In the interest of the environment

- Materials marked with the symbol ♺ are recyclable.
- Check with your local Council or Environmental Health Office to see if there are facilities in your area for re-cycling this appliance.
- When the appliance is to be scrapped, cut off the power supply cable and make the door closing device unusable to prevent young children from being trapped inside.
- Help to keep your country tidy - use authorised disposal sites for your old appliance.

How do we help to protect the environment?
We use recycled paper!

⚠ Important Safety Information

It is important that this instruction book be kept with the appliance for future reference. If you sell or give the appliance away, make sure that the book is passed to the new owners so that they can familiarise themselves with its operation and relevant warnings.

The following warnings are provided in the interests of overall safety. You must read them carefully before installing or using the appliance.

Installation

- When unpacking the appliance, check that it is not damaged. If in doubt, do not use it and contact the Service Centre.
- All internal packing must be removed before using the appliance. Serious damage may be caused to the machine or adjacent furniture if the protective transit devices are not removed or are not completely removed. Refer to the relevant paragraph in the instruction book.
- Any electrical work required to install this appliance must be carried out by a qualified electrician.
- Any plumbing work required to install this appliance must be carried out by a qualified plumber.
- After having installed the machine, check that it is not standing on its electrical supply cable.
- If the appliance is placed on a carpeted floor, ensure that air can circulate freely between the adjustable feet and the floor.

Use

- This appliance is designed for domestic use. It must not be used for purposes other than those for which it was designed.
- Do not overload the appliance. Follow the instructions in the instruction book.
- Only wash and dry fabrics which are designed to be machine washed and dried. Follow the instructions on each garment label.
- Make sure that all pockets are empty. Objects such as coins, safety pins, pins and screws can cause extensive damage.
- Do not machine wash garments saturated with petroleum, methylated spirits, trichlorethylene, etc. If such fluids have been used to remove stains prior to washing, wait until they have completely evaporated from the fabric before placing garments in the appliance.
- Place small items such as socks, belts, etc. in a cloth bag or pillowcase to prevent them getting trapped between the drum and the tub.
- Dry only items which have been washed in water.
- Use only the recommended quantities of fabric softener. An excessive amount could damage the laundry.
- Plastic detergent dispensers should not remain in the drum during the drying cycle, as the plastic used is not designed to withstand the heat. If you wish to wash and dry automatically (NON-STOP operation) you should use the conventional detergent dispenser drawer.
- Leave the porthole door slightly ajar when the appliance is not in use. This preserves the door seal and prevents the formation of musty smells.
- Always check that water has emptied out before opening the door. If not, drain the water following the instructions in the instruction book.
- Always unplug the appliance and shut the water tap after use.

Service/repair

- In the event of a fault, do not attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause damage.
- If repairs are needed, contact an authorised service centre and ask for genuine spare parts.

Safety

- This appliance is designed to be used by adults. Children must not be allowed to touch the controls or play with the product.
- During high temperature wash cycles and during drying, the glass door becomes very hot. Do not touch it.
- Pets sometimes climb into washing machines. Check the drum before each use.

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Guide to use the Instruction Book

The following symbols will be found in the text to guide you throughout the instructions:

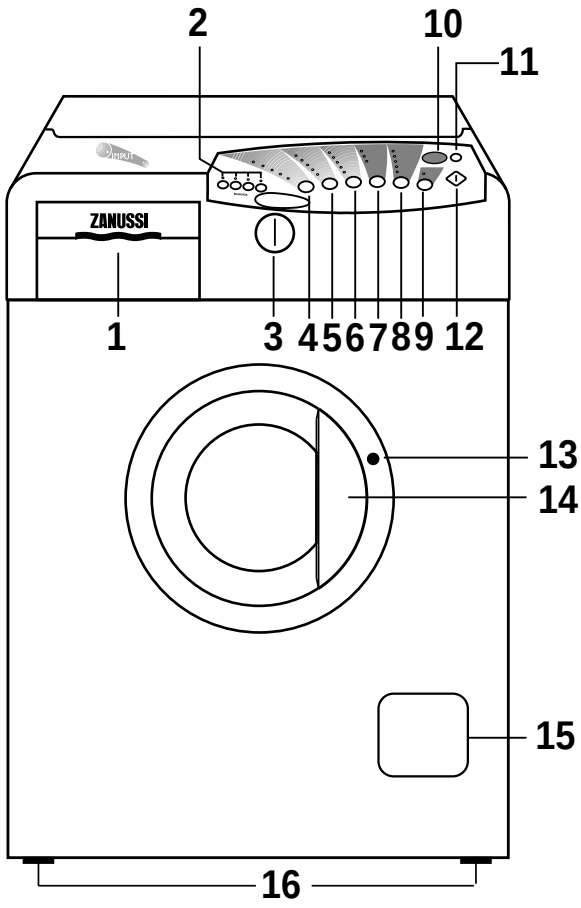
⚠ **Safety instructions**

i **Hints and tips**

Environmental information

Description of the Appliance

1 Detergent dispenser drawer
2 “Memory” buttons
3 “ON/OFF-Cancel” button
4 “Fabrics” button
5 “Temperature” button
6 “Spin speed” button
7 “Options”/Special Programmes button
8 “Auto dry” button
9 “Drying time” button
10 “Time to finish” display
11 “Delay start” button
12 “START/PAUSE” button
13 “Door locked” pilot light
14 Door opening handle
15 Filter
16 Adjustable feet



Door locked pilot light

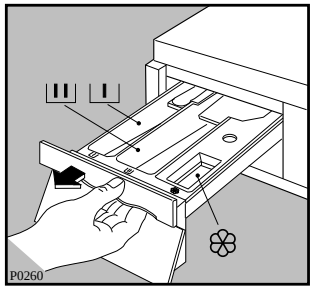
The door stays locked throughout the wash and drying cycle. Locking is indicated by a pilot light located next to the door handle. The door cannot be opened until the pilot light has gone out.

Detergent dispenser drawer

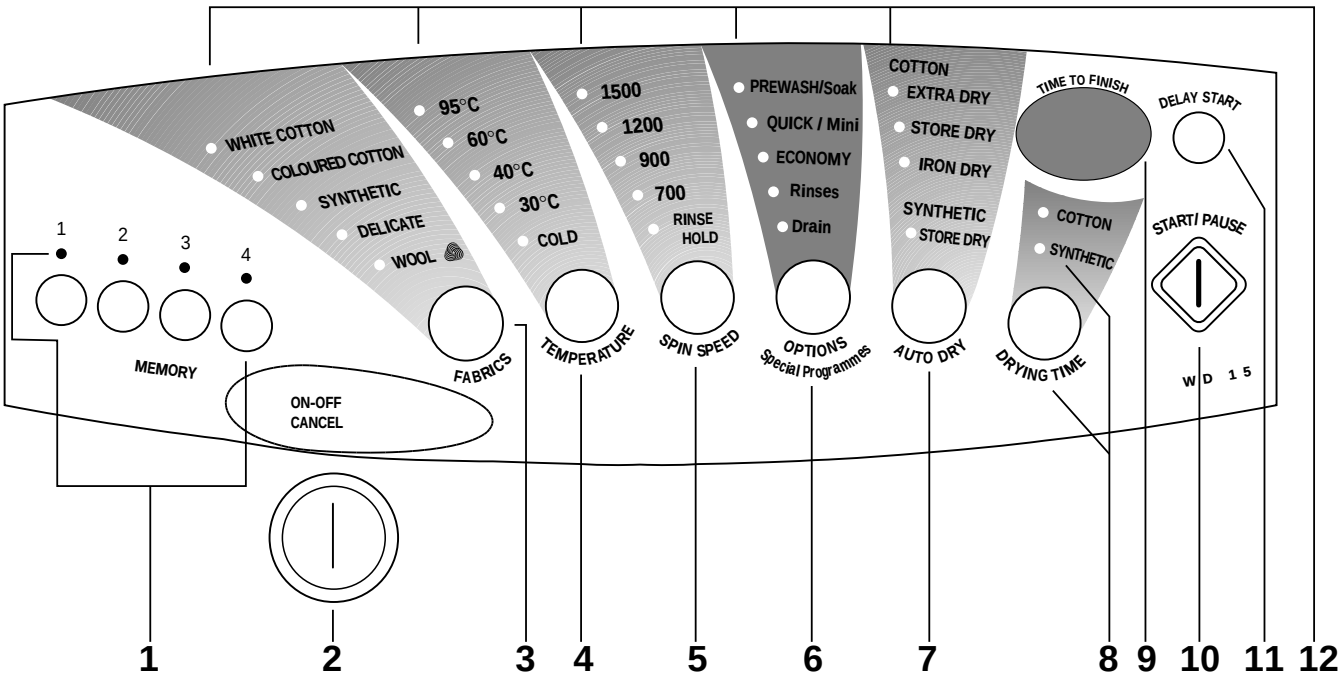
I Prewash

II Wash

Fabric softener



The Control Panel



1 "Memory" buttons and corresponding pilot lights

A previously selected wash or drying programme can be stored or recalled by pressing these buttons.

To store: select the required programme using the various buttons available (see section "Operating sequence"), then start the machine by pressing the START/PAUSE button. Only then can the programme be stored by pressing one of the "Memory" buttons until the corresponding pilot light comes on.

If the "Memory" button pressed does not yet have a programme stored, the pilot light flashes for two seconds.

A stored programme can be modified by pressing the required buttons before starting the machine with the START/PAUSE button.

To recall a programme: press the required "Memory" button; the pilot lights corresponding to the stored programme come on. Press the START/PAUSE button to start the machine.

Warning! Your machine may already have a programme stored. This means that it has been carefully tested before leaving the factory.

Note: It is advisable to make a note of the programme stored for each "Memory" button.

2 ON/OFF-Cancel button

This button has two functions:

- switch the machine on/off
- cancel a programme which is running

Press the button to switch the machine on, press it again to switch the machine off or **to cancel** a programme which is running.

3 "Fabrics" button

Press this button to select the type of wash required: White cotton, Synthetic, etc. The pilot light corresponding to the type of wash selected comes on and the washing time flashes on the display (9); time is calculated on the basis of a maximum load of 5 kg for cotton, 2 kg for delicate and synthetics and 1 kg for wool.

After about 20 minutes (the time it takes the machine to calculate the weight of the laundry) the washing time is updated (only for cottons).

The machine automatically selects the maximum temperature and spin speed based on the type of wash selected: the corresponding pilot lights come on.

These values can be modified by pressing the TEMPERATURE and SPIN SPEED buttons.

The "Fabrics" button cannot be used when the following programmes are selected:

- Soak
- Mini
- Rinses
- Drain
- Spin

4 "TEMPERATURE" button

Press this button if you wish to set a different temperature from that suggested by the machine for the type of wash selected (see programme chart): the corresponding pilot light comes on.

The COLD position is for a wash with cold water.

5 SPIN SPEED button

This button has two functions:

- selection of the spin speed or of the Rinse Hold option;
- separate spin programme.

Selection of the spin speed:

- for cottons (White cotton, Coloured cotton) the maximum spin speed is 1500 or 1200 rpm;
- for synthetics and wool the maximum spin speed is 900 rpm;
- for delicate fabrics the maximum spin speed is 700 rpm.

Selection of the RINSE HOLD option

When this option is selected, the last rinse water is not emptied out, so as to avoid creasing of the fabrics: the corresponding pilot light flashes at the end of the programme to indicate that the water must be emptied out.

This can be done in three ways:

- select a spin speed and press the START/PAUSE button
- just press the START/PAUSE button; after emptying, the machine performs the spin cycle for the type of wash selected
- select the DRAIN programme to empty out the water without spinning.

The RINSE HOLD option can also be selected for the wool programme: the last rinse water is emptied out but the machine does not spin.

If the water is not emptied out, the machine automatically empties itself after 18 hours.

Separate spin programme

To be used to spin hand washed laundry:

- switch the machine on by depressing the ON-OFF button
- select the desired spin speed
- depress START/PAUSE button.

6 "OPTIONS" (Special Programmes) button

By depressing this button you can select two different functions:

- additional options for the selected washing programme
- separate special programmes.

Important!
The first and second light have a double meaning:

- Prewash/Soak
- Quick/Mini.

Additional options
After selecting the wash programme you can add one of the following functions:

- **PREWASH:** the machine performs a prewash cycle at 40°C max. The prewash cycle ends with a short spin for the White cotton, Coloured cotton and Synthetic programmes, and with emptying of the water for the Delicate programme.
  This option is **not** available with the wool programme.
- **QUICK WASH:** by selecting this option the washing time is reduced. For use when washing lightly soiled laundry.
  This option is **not** available with the wool programme.
- **ECONOMY:** this option is only available with the White cotton 95°C, Coloured cotton 60°C and Synthetic 60°C programmes: the 95°C wash is carried out at about 67°C, whilst the 60°C wash is carried out at about 45°C for cotton and 40°C for synthetics: the 60°C or 40°C pilot lights flash.
  The washing time is slightly longer to compensate for the reduction in temperature.

  For use when washing normally soiled laundry, in order to save energy.

  Important: the PREWASH, QUICK WASH and ECONOMY options **cannot** be selected together: one automatically disables the others.

Separate special programmes
Attention! When selecting these programmes the "FABRICS" button **has not** to be depressed.

- switch the machine on
- select the desired special programme
- depress START/PAUSE button to start the programme.

- **SOAK:** for heavily soiled laundry, **not for wool**. The machine performs a soak at 40°C and stops with the water in the drum. The water can be emptied out in 2 ways:
- **empty only** by pressing the START/PAUSE button;
- **empty and spin** using the SPIN SPEED and START/PAUSE buttons.

  If the water is not emptied out within 18 hours, the machine empties automatically. The drum turns from time to time during soaking.

  At the end of the soak, and after having emptied out the water (the three zeros on the display flash), select the required wash programme or call one up using the "memory" buttons, then start the machine by pressing the START/PAUSE button.
- **MINI-PROGRAMME:** this is a complete programme in its own right, that is not compatible with any of the other options, except DELAY START. For use with laundry which is lightly soiled or which needs freshening up (max. 2 kg). The machine performs a 30 minute wash cycle at 30°C, with a final spin at 650 rpm.
- **RINSES:** with this programme, it is possible to rinse and spin garments which have been washed by hand, such as synthetics or delicates and types of wool which are not machine washable.
  The machine performs 3 delicate rinses with a high water level, followed by a final spin at 700 rpm. It is of course also possible to select a slower spin speed or a higher spin speed using the appropriate button.

  Important: if you wash **cotton** fabrics by hand and select a spin speed of 1500 or 1200 rpm, the machine will perform 3 rinses with a low water level, a number of intermediate spins and a final spin at 1500 or 1200 rpm; particularly recommended for cottons.
  If you select a spin speed of 900 rpm, the machine will perform 3 rinses at high water level.
- **DRAIN:** this programme can be selected to empty out the water (e.g. for programmes with which the **RINSE HOLD** option has been selected).

7 AUTO DRY button

By depressing this button you can selected the following drying programmes:

- **Cotton**
- Extra dry
- Store dry
- Iron dry
- **Synthetics**
- Store dry

8 DRYING TIME button

By depressing this button you can select the desired drying time according to the fabrics (cotton or synthetics) you have to dry.

- If you select **COTTON**, the appliance will dry at full heating power.
- If you choose **SYNTHETICS** drying will be performed at a reduced heating power.

  If you select SYNTHETICS and then you wish to change into COTTON, depress the AUTO DRY button for about 2 seconds until the cotton light turns on.

To select the drying time you have to push the button until the drying time you want appears in the display.

For **COTTON** you can select a drying time from 15 minutes to 2 hours and 10 minutes (2:10).

For **SYNTHETICS** you can select a time from 10 minutes to 1 hours and 40 minutes (1:40).

9 TIME TO FINISH display

This display provides the following information:

- **Three flashing dashes**
  appear immediately after pressing the ON/OFF button and indicate that the machine is ready to receive instructions for the required programme.
- **Duration of the selected wash programme**, calculated automatically on the basis of the maximum recommended load for each type of fabric. The figures on the display flash until the machine is started with the START button.

  After the programme has started, the time remaining is updated every 10 minutes, and every 5 minutes during the last 20 minutes.

  About 20 minutes after the programme has started, the time remaining is updated on the basis of the actual load size being washed (cottons only).

  When the programme has finished, after the door lock has released, three flashing zeros are displayed.
- **Delayed start**, programmed using the special button (11).

  The selected delay (19 hours max.) is indicated in the display. The countdown is updated every hour, and every 5 minutes during the last hour.
- **PAUSE:** when the START/PAUSE is pressed while a wash programme is running, the **figures in the display**, which indicate the time remaining, **start to flash.**
- **Machine heating phase.** A dot to the right of the figures in the display indicates that the machine is heating the water.

- **Incorrect option selection.** If an option which is not compatible with the set wash programme is selected, the message **Err** is displayed.
- **Alarm codes.** In the event of operating problems, a specific code appears in the display (see “Something not working”).

10 START/PAUSE button

This button has three functions:

a) **Start**

After having selected the required programme, press this button to start the machine; the display stops flashing.

b) **Pause**

To interrupt a **wash programme** which is running, press the START/PAUSE button: the figures displayed will start to flash.

The drying programmes cannot be interrupted.

To restart the programme from the point at which it was interrupted, **press the START/PAUSE button again.**

c) **Empty out water**

At the end of a programme which stops with water in the drum (RINSE HOLD option), or after the soak programme, press the START/PAUSE button to empty out the water: after a soak programme, the machine will empty only; after RINSE HOLD programmes, the machine will empty and spin.

11 DELAY START button

This button allows starting of the machine to be delayed by a maximum of 19 hours.

The button must be pressed after selecting the programme and before pressing the START/PAUSE button.

The figures indicating the required delay appear in the display next to the button. After one minute, the machine starts its countdown (every hour).

During the last hour, the remaining time is displayed every 5 minutes.

The delayed start function **cannot** be used with the SPIN and DRAIN programmes.

To modify or cancel the preset delay, press the START/PAUSE button, then press the DELAY START button until the required value is displayed or, if you wish to cancel the delay, until the symbol 0h is displayed.

Then press the START/PAUSE button again.

When the delay is cancelled, the display shows the duration of the wash programme previously selected.

12 Operating pilot lights

The pilot lights come on individually, or in groups, according to the options selected.

The pilot lights flash for about three seconds if wash options are incorrectly selected. The message **Err** is displayed.

Modification of a programme which is running

To modify a programme, first set the machine to PAUSE by pressing the START/PAUSE button. Before the machine starts the heating phase, i.e. within the first 15 minutes for cotton programmes, 10 minutes for synthetic and delicate programmes and 5 minutes for the wool programme, the following parameters can be modified:

- Fabrics
- Temperature
- ECONOMY or QUICK WASH.

The PREWASH option can be cancelled, but cannot be added, once the programme has started.

The SPIN SPEED option can be modified before the final spin.

To restart the wash programme, press the START/PAUSE button again.

Opening the door after the wash programme has started

The door can only be opened before the machine starts the heating phase (within the first 15, 10 or 5 minutes, depending on the programme selected - see paragraph above).

Set the machine to PAUSE (by pressing the START/PAUSE button).

If the door does not open, this means that the machine is already heating, or that the water level is above the bottom edge of the door.

This prevents large quantities of water from gushing out when the door is opened.

The door can only be opened when the pilot light next to the handle goes out.

Programme selection

Washing

There are 3 possibilities for choosing the wash programme:

- Selection by means of the different push-buttons
- Selection using the MEMORY buttons
- Selection of the special programmes.

■ **Selection by means of the different push-buttons**

1. Depress ON/OFF button to switch the machine on.
2. Depress FABRICS button to select the type of fabric.
3. Depress the TEMPERATURE button if you wish to choose a different temperature from that proposed by the appliance.
4. Depress the SPIN SPEED button if you wish to change the spin speed proposed by the machine.
5. Select the desired option (PREWASH, QUICK or ECONOMY).
6. Select the desired delayed start, if required.
7. Start the appliance by depressing the START/PAUSE button.

■ **Selection using the MEMORY buttons**

1. Depress ON/OFF button to switch the machine on.
2. Depress one of the MEMORY buttons.
3. Depress DELAY START button if required.
4. Start the appliance by means of the START/PAUSE button.

■ **Selection of the special programmes**

Attention! By selecting the SPECIAL PROGRAMMES the FABRICS button must not be depressed.

1. Switch the machine on by depressing the ON/OFF button.
2. Select the desired programme (SOAK, MINI, RINSES or DRAIN) by depressing the SPECIAL PROGRAMMES button.
   The spin programme can be selected by means of the SPIN SPEED button.
3. Depress START/PAUSE button.

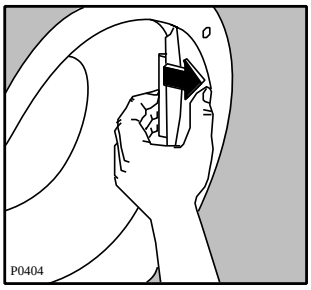
Operating Sequence

WASHING

Before your first wash, we recommend that you run a cotton cycle at 60°C, without any laundry in the machine, to remove any manufacturing residue from the drum and tub.
Pour 1/2 a measure of detergent into the dispenser drawer and start the machine.

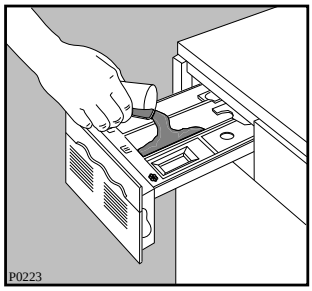
1. Load the laundry

Open the door.
Place the laundry in the drum, one item at a time, shaking them out as much as possible. Close the door.



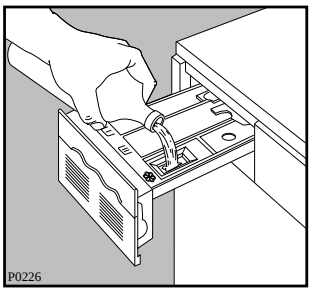
2. Measure out the detergent

Pull out the dispenser drawer until it stops.
Measure out the amount of detergent recommended by the manufacturer in a graduated cup and pour it into the main wash compartment II.
If you wish to carry out a prewash, pour detergent into the appropriate compartment marked I.



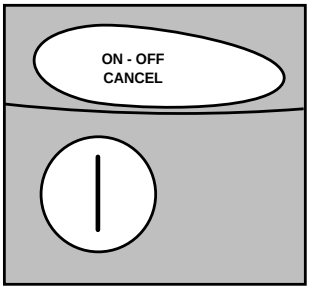
3. Measure out the additive

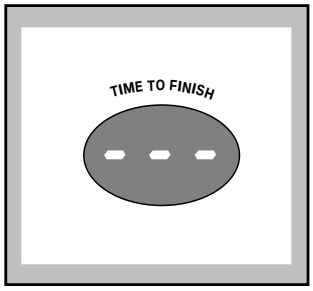
If required, pour fabric softener into the compartment marked ❀ (the amount used must not exceed the «MAX» mark in the drawer).
Push the detergent drawer back in.



4. Switch the machine on

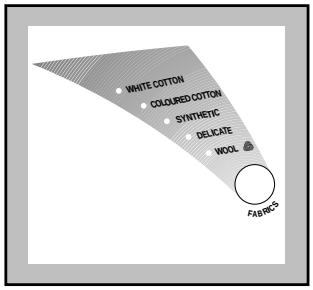
Press the ON/OFF button to switch the machine on; three flashing dashes are displayed.





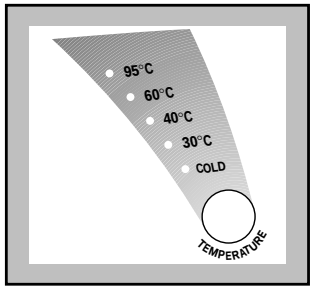
5. Select the required programme

Press the FABRICS button to select the required programme; the corresponding pilot light comes on.



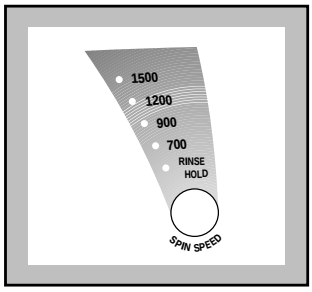
6. Select the temperature

Press the TEMPERATURE button to select the required temperature; the corresponding pilot light comes on.



7. Select spin speed or Rinse Hold option

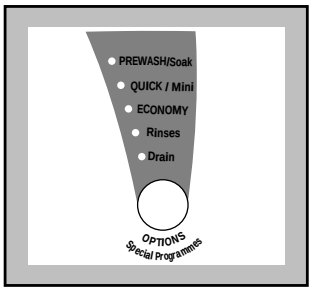
Press the SPIN SPEED button to select the spin speed or the RINSE HOLD option; the corresponding pilot light comes on.



8. Select the PREWASH or QUICK WASH or ECONOMY option, if required,

according to the degree of soil or type of fabric.

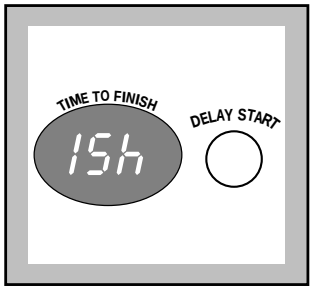
The corresponding pilot light comes on.



9. Select the DELAY START option, if required

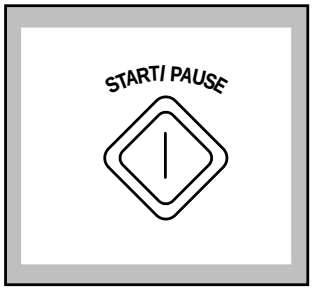
Before starting the programme, if you wish to delay starting, press the DELAY START button to set the required delay, which appears in the display.

Then press the START/PAUSE button: the machine starts its countdown.



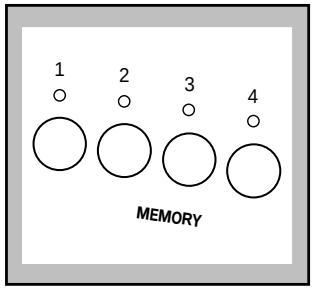
10. Start the programme

To start the selected programme, press the START/PAUSE button; the display stops flashing and the door pilot light comes on to indicate that the door locking device is engaged.
The programme starts after about 30 seconds.



11. Store the programme

The wash programme selected can now be stored by pressing one of the MEMORY buttons until the corresponding pilot light comes on.



12. At the end of the programme

The machine stops automatically and three flashing zeros are displayed.

The programme which has just been completed is still in the memory and the corresponding pilot lights stay on.

If the RINSE HOLD option has been selected, the corresponding pilot light flashes to indicate that the water must be emptied out before opening the door.

The machine is fitted with a safety device that prevents opening of the door for about 2-3 minutes after the end of the programme. The door can only be opened after the door locked light has gone out.

Release of the lock is indicated by an audible signal as well as the pilot light going out.

Switch the machine off by pressing the ON/OFF button.

Remove the laundry from the drum and carefully check that the drum is empty so as to avoid any forgotten items being damaged in a subsequent wash (e.g. shrinking) or their colour running into a load of whites.

If you do not intend to carry out another wash, close the water tap.

Leave the door open to prevent the formation of mildew and unpleasant smells.

Programme selection

Drying

There are 3 possibilities for carrying out the drying programme:

- **Automatic washing and drying** (NON-STOP operation)
- **Washing and subsquent drying**
- **Drying only**

- **Automatic washing and drying**

  Max load: cotton 2.5 kg
  synthetics 2 kg

  1. Switch the machine on by depressing ON/OFF button.
  2. Depress FABRICS button to select the required programme.
  3. Select the temperature.
  4. If possible, do not select a spin speed lower than that proposed by the appliance to avoid a too long drying time so saving energy.
  5. Select eventually the required options by means of the OPTIONS button.
  6. Select the desired drying programme or time by means of the AUTO DRY or DRYING TIME button.
  7. Start the appliance by depressing START/PAUSE button.

- **Washing and subsequent drying**

  Washing

  Max load: cotton 5 kg
  synthetics 2 kg

  1. Switch the machine on.
  2. Depress FABRICS button to select the desired washing programme.
  3. Select the temperature.
  4. Select the spin speed or the RINSE HOLD option.
  5. Select the required option.
  6. Depress the START/PAUSE button.

Attention! If you have selected the RINSE HOLD option the water of the last rinse must be emptied out and the laundry must be spun before opening the door and before drying.

- **Drying**

  Max load: cotton 2.5 kg
  synthetics 2 kg

  The cotton load has to be dried in two steps.
  For the synthetics, you can dry the complete load, unless you wish to remove some items that do not need to be dried.

  1. Depress the ON/OFF button to switch the machine off thus cancelling the previously selected washing programme.
  2. Switch the machine ON by depressing ON/OFF button again.
  3. Select the desired drying programme or time.
  4. Start the appliance.

Operating sequence

Drying only

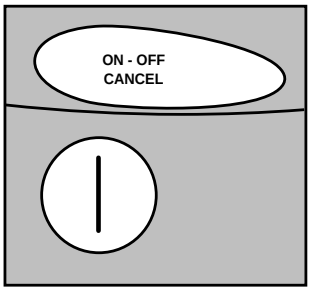
If you wish to carry out only a drying cycle, for example to dry hand washed items, you can choose between automatic drying or time controlled drying. In both cases you have to keep the following maximum loads:

- cotton 2.5 kg
- synthetics 2 kg

1. Load the laundry

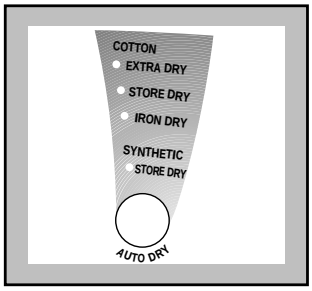
2. Switch the machine on

Press the ON/OFF button to switch the machine on.

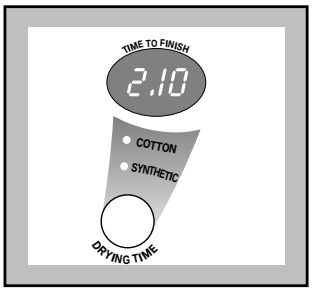


3. Select drying

Depress the AUTO DRY button to choose the required degree of final drying if you wish to dry automatically.

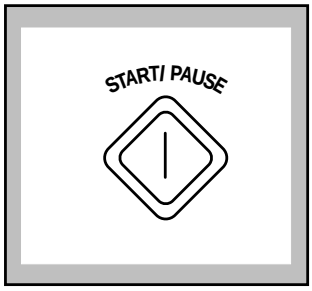


If you want to perform a time controlled drying, depress the DRYING TIME button to select first the type of fabrics (cotton or synthetic) and then continue to depress until the time you want appears in the display: from 15 mins to 2 hours and 10 mins for cotton, from 10 mins to 1 hour and 40 mins for synthetics.



4. Start the programme

Depress the START/PAUSE button to start the programme.



5. At the end of the programme

The machine stops automatically and three flashing zeros are displayed.
Depress the ON/OFF button again to switch the machine off.
Remove the laundry.

Washing and Drying Hints

Sorting the laundry

Follow the wash code symbols on each garment label and the manufacturer's washing instructions.

Sort the laundry as follows:
whites, coloureds, synthetics, delicates, woollens.

Temperatures

95°	for normally soiled white cottons and linen (e.g. tea cloths, towels, tablecloths, sheets...)
60°	for normally soiled, colour fast garments (e.g. shirts, night dresses, pyjamas....) in linen, cotton or synthetic fibres and for lightly soiled white cotton (e.g. underwear).
✳ **(cold)** **30°-40°**	for delicate items (e.g. net curtains), mixed laundry including synthetic fibres and woollens bearing the label «pure new wool, machine washable, non-shrink»

Before loading the laundry

Never wash whites and coloureds together. Whites may lose their "whiteness" in the wash.

New coloured items may run in the first wash; they should therefore be washed separately the first time.

Make sure that no metal objects are left in the laundry (e.g. hair clips, safety pins, pins).

Button up pillowcases, close zip fasteners, hooks and poppers. Tie any belts or long tapes.

Remove persistent stains before washing. Rub particularly soiled areas with a special detergent or detergent paste.

Treat curtains with special care. Remove hooks or tie them up in a bag or net.

Maximum loads

Recommended loads are indicated in the programme charts.

General rules:

cotton, linen: drum full but not too tightly packed

synthetics: drum no more than half full

delicate fabrics and woollens: drum no more than one third full.

Washing a maximum load makes the most efficient use of water and energy.

For heavily soiled laundry, reduce the load size.

Laundry weights

The following weights are indicative:

bathrobe	1200 g
napkin	100 g
quilt cover	700 g
sheet	500 g
pillow case	200 g
tablecloth	250 g
towelling towel	200 g
tea cloth	100 g
night dress	200 g
ladies' briefs	100 g
man's work shirt	600 g
man's shirt	200 g
man's pyjamas	500 g
blouse	100 g
men's underpants	100 g

Removing stains

Stubborn stains may not be removed by just water and detergent. It is therefore advisable to treat them prior to washing.

Blood: treat fresh stains with cold water. For dried stains, soak overnight in water with a special detergent then rub in the soap and water.

Oil based paint: moisten with benzine stain remover, lay the garment on a soft cloth and dab the stain; treat several times.

Dried grease stains: moisten with turpentine, lay the garment on a soft surface and dab the stain with the fingertips and a cotton cloth.

Rust: oxalic acid dissolved in hot water or a rust removing product used cold. Be careful with rust stains which are not recent since the cellulose structure will already have been damaged and the fabric tends to hole.

Mould stains: treat with bleach, rinse well (whites and fast coloureds only).

Grass: soap lightly and treat with bleach (whites and fast coloureds only).

Ball point pen and glue: moisten with acetone (*), lay the garment on a soft cloth and dab the stain.

Lipstick: moisten with acetone as above, then treat stains with methylated spirits. Remove any residual marks from white fabrics with bleach.

Red wine: soak in water and detergent, rinse and treat with acetic or citric acid, then rinse. Treat any residual marks with bleach.

Ink: depending on the type of ink, moisten the fabric first with acetone (*), then with acetic acid; treat any residual marks on white fabrics with bleach and then rinse thoroughly.

Tar stains: first treat with stain remover, methylated spirits or benzine, then rub with detergent paste.

(*) do not use acetone on artificial silk

Detergents and additives

Good washing results also depend on the choice of detergent and use of the correct quantities to avoid waste and protect the environment. Although biodegradable, detergents contain substances which, in large quantities, can upset the delicate balance of nature.

The choice of detergent will depend on the type of fabric (delicates, woollens, cottons, etc.), the colour, washing temperature and degree of soiling.

All commonly available washing machine detergents may be used in this appliance:

– powder detergents for all types of fabric,
– powder detergents for delicate fabrics (60°C max) and woollens,
– liquid detergents, preferably for low temperature wash programmes (60°C max) for all types of fabric, or special for woollens only.

The detergent and any additives must be placed in the appropriate compartments of the dispenser drawer before starting the wash programme.

If using concentrated powder or liquid detergents, a programme **without** prewash must be selected.

Pour liquid detergent into the dispenser drawer compartment marked II **just before** starting the programme.

Any fabric softener or starching additives must be poured into the compartment marked ❀ before starting the wash programme.

Follow the product manufacturer's recommendations on quantities to use.

Quantity of detergent to be used

The type and quantity of detergent will depend on the type of fabric, load size, degree of soiling and hardness of the water used.

Water hardness is classified in so-called "degrees" of hardness. Information on hardness of the water in your area can be obtained from the relevant water supply company, or from your local authority.

Follow the product manufacturers' instructions on quantities to use.

Use less detergent if:

– you are washing a small load
– the laundry is lightly soiled
– large amounts of foam form during washing.

Degrees of water hardness

Level	Characteristic	Degrees	
		German °dH	French °T.H.
1	soft	0- 7	0-15
2	medium	8-14	16-25
3	hard	15-21	26-37
4	very hard	more than 21	more than 37

Preparing the drying cycle

As a dryer, the machine works on the condensation principle.
Therefore, **the water tap must be open and the drain hose must drain water into a sink or into the drain pipe, even during the drying cycle.**

Load

Sort of laundry	max. load (dry weight)
Linen and cottons	2.5 kg
Synthetics	2 kg

Warning:
Loads of washed laundry exceeding these values must be divided before being dried, otherwise poor results will be obtained.

Garments not suitable for drying

- Particularly delicate items such as synthetic curtains, woollen and silk, garments with metal inserts, nylon stockings, bulky garments such as anoraks, bedcovers, quilts, sleeping bags and duvets must not be machine dried.
- Garments padded with foam-rubber or materials similar to foam-rubber must not be machine dried; they represent a fire hazard.
- Also, fabrics containing residues of setting lotions or hair sprays, nail solvents or similar solutions must not be machine dried in order to avoid the formation of harmful vapours.

Drying symbols on garment labels

Always look at the garment label to check whether garments can be machine dried.

The following symbols refer to drying:

Machine drying is usually possible

Normal drying (normal temperature)

Gentle drying (reduced temperature)

Do not machine dry

Garments marked with the symbol ⊠ should not be machine dried.

Duration of the drying cycle

The drying time can vary according to

- the final spin speed,
- the required degree of drying,
- the type of laundry
- the size of load.

The usual drying times for the time controlled drying are indicated in the programme chart. As you become more familiar with the appliance, you will discover the drying times that best suit your needs according to the various type of fabric. It is a good idea to make a note of these times.

The following are the degrees of final drying which can be selected with the automatic drying:

- **Cotton**
  - Extra dry
  - Store dry
  - Iron dry
- **Synthetics**
  - Store dry

To finish off drying or to dry small loads you can choose a time controlled drying.

When selecting the drying time you should remember that it includes a 10 minute cooling phase.

This phase cannot be shortened, stopped or avoided, as this could cause skin burns or damage the laundry.

Additional drying

Should the laundry still be too wet at the end of the programme, set another short drying time.
Warning! To prevent the formation of creases or shrinking of fabrics, avoid excessive drying.

Fibre residue

After drying fluffy fabrics, such as new towels, it is advisable to perform the rinse programme to be sure that any residue that may remain in the tub is completely removed and does not stick to garments dried afterwards.
After each drying cycle the filter should be checked and cleaned if necessary.

Washing Programmes

Fabrics	Temperature	Wash programme	Additional functions	Max. load
White cotton	95°-60°	White cotton, for example normally soiled work garments, sheets, household linen, underwear, towels.	PREWASH QUICK WASH SPIN SPEED RINSE HOLD	5 kg
White cotton ECONOMY	95° (60°)	White cotton economy, for example lightly soiled sheets and household linen.	SPIN SPEED RINSE HOLD	5 kg
Coloured cotton	60°-40°-30°(*)	Coloured cotton or linen fabric, shirts, underwear, towels.	PREWASH QUICK WASH SPIN SPEED RINSE HOLD	5 kg
Coloured cotton ECONOMY	60° (40°)	Coloured garments economy, for example delicate coloureds, men's shirts, blouses, underwear.	SPIN SPEED RINSE HOLD	5 kg
Synthetic	60°-40°-30°	Synthetic fabrics, underwear, coloured garments, non-shrink shirts, blouses.	PREWASH QUICK WASH SPIN SPEED RINSE HOLD	2 kg
Synthetic ECONOMY	60° (40°)	Synthetics economy, for example lightly soiled synthetic garments, shirts, blouses.	SPIN SPEED RINSE HOLD	2 kg
Delicate	40°-30°- COLD	Delicate fabrics, for example curtains.	PREWASH QUICK WASH RINSE HOLD	2 kg
Wool	40°-30°- COLD	Specially tested programme for wool garments bearing the "Pure new wool, non-shrink, machine washable" label.	SPIN SPEED RINSE HOLD	1 kg

(*) This 60°C programme is the reference programme for the Energy label according to EEC Directive 92/75.

Special Programmes

Programme	Type of laundry	Additional functions	Max. load
Soak	Heavily soiled fabrics, except wool.		5 kg
Mini	Lightly soiled fabrics, except wool.		2 kg
Rinses	This programme can be used for rinsing hand washed garments.	SPIN SPEED RINSE HOLD	5 kg
Drain	For emptying out the last rinse water in programmes with the Rinse Hold option.		5 kg
Spin	Separate spin for all fabrics.	SPIN SPEED	5 kg

Drying Programmes

Cotton: max. load 2.5 kg

Degree of drying	Type of laundry	Drying time in minutes for laundry spun at	
		1500 rpm	1200 rpm
Extra dry	Towelling materials (bathrobes, bath towels, etc.)	75-85	80-90
Store dry	Items which you want to put away without ironing: terry towels, knitwear, babywear.	65-75	70-80
Iron Dry	For items which need ironing: sheets, tablecloths, table napkins, etc.	45-55	50-60

Synthetics: max. load 2 kg

Degree of drying	Type of laundry	Drying time in minutes for laundry spun at	
		900 rpm	700 rpm
Store dry	Synthetics or mixed fabrics which do not require ironing: shirts, blouses, outerwear.	85-95	90-100

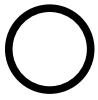
International wash code symbols

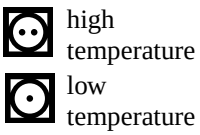
These symbols appear on fabric labels, in order to help you choose the best way to treat your laundry.

ENERGETIC WASH **DELICATE WASH**	 Max. wash temperature 95°C	 Max. wash temperature 60°C 	 Max. wash temperature 40°C 	 Max. wash temperature 30°C 	 Hand wash	 Do not wash at all

 BLEACHING	 Bleach in cold water		 Do not bleach		

 IRONING	 Hot iron max 200°C	 Warm iron max 150°C	 Lukewarm iron max 110°C	 Do not iron	

 **DRY CLEANING**	 Dry cleaning in all solvents	 Dry cleaning in perchlorethylene, petrol, pure alcohol, R 111 & R 113	 Dry cleaning in petrol, pure alcohol and R 113	 Do not dry clean	

 DRYING	 Flat	 On the line	 On clothes hanger	 high temperature low temperature Tumble dry	 Do not tumble dry

Maintenance and Cleaning

1. Bodywork

Clean the outside of the machine with warm water and a neutral, non-abrasive household detergent. Rinse with clean water and dry with a soft cloth.

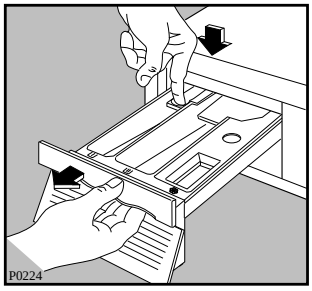
Important: do not use methylated spirits, solvents or similar products to clean the bodywork.

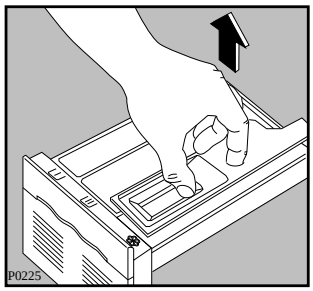
2. Detergent dispenser drawer

After a while, detergents and fabric softeners leave deposits in the drawer.

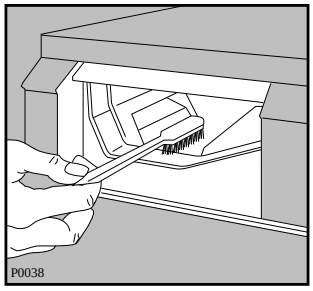
Clean the drawer from time to time by rinsing it under a running tap. To remove the drawer from the machine, press the button in the rear left-hand corner.

To facilitate cleaning, the top part of the additive compartments can be removed.



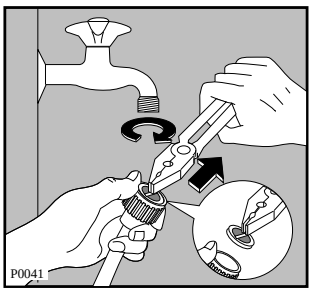


Detergent can also eventually accumulate inside the drawer recess: clean it with an old toothbrush. Refit the drawer after cleaning.



3. Water inlet filter

If you notice that the machine is taking longer to fill, check that the filter in the water inlet hose is not blocked.
Turn off the water tap.
Unscrew the hose from the tap and remove the filter.
Clean it with a stiff brush.
Refit the filter and screw the hose back onto the tap.

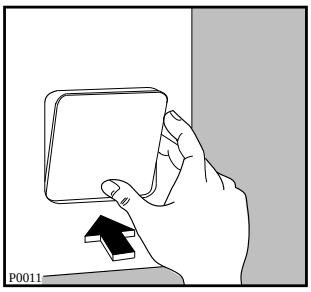


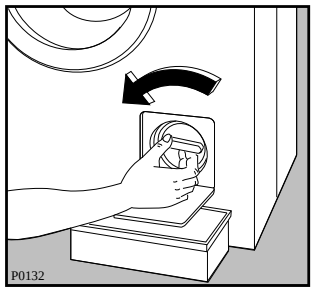
4. Drain filter

The drain filter collects threads and small objects inadvertently left in the laundry. Check regularly that the filter is clean.

Open the filter door.

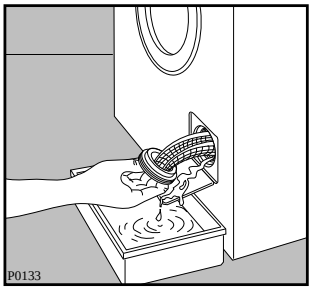
Place a container under the filter and unscrew it.

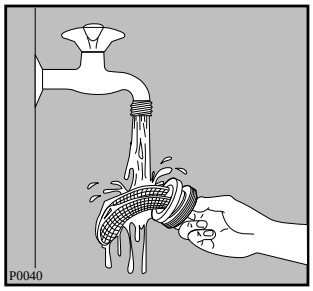




Pull out the filter.

Clean the filter under a running tap, then refit it, screwing it fully in.





5. Emergency emptying out

If the water is not discharged (drain pump is blocked, filter or drain hose are clogged), proceed as follows to empty out the machine:

- pull out the plug from the power socket;
- close the water tap;
- if necessary, wait until the water has cooled down;
- place a bowl on the floor;
- put the drain hose end into the bowl and let the water come out.

Should it not be possible to have access to the drain hose because, for example, the appliance is built in the kitchen furniture, slightly loosen the drain filter after placing a bowl on the floor, to let the water come out slowly.

At the end screw the filter again.

6. The dangers of freezing

If the machine is exposed to temperatures below 0°C, certain precautions should be taken.

- Turn off the water tap.
- Unscrew the inlet hose.
- Unhook the drain hose from the rear support and position the end of this hose and that of the inlet hose in a bowl. Run the draining programme.
- Switch the machine off.
- Screw the inlet hose and reposition the drain hose.
- When you intend to start the machine up again, make sure that the room temperature is above 0°C.

Something Not Working

In the event of operating problems, you are advised to read the following chart carefully before calling the service centre.

The following alarm codes may be displayed:

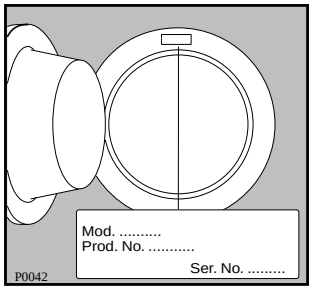
- **E00**: problem with the water supply
- **E10**: problem with water draining
- **E20**: door open

Once the problem has been eliminated, press the START/PAUSE button to restart the programme.

Symptom	Possible causes
The machine does not start	■ The door has not been closed. **(E20)** ■ The plug is not properly inserted in the power socket. ■ There is no current at the socket ■ The main fuse has blown. ■ The START/PAUSE button has not been pressed. ■ The DELAY START option has been selected.
The machine does not fill	■ Ensure the water tap is open. **(E00)** ■ The filter in the inlet hose is blocked. **(E00)** ■ The inlet hose may be squashed or kinked. **(E00)** ■ The door has not been closed. **(E20)**
The machine fills then empties immediately	■ The end of the drain hose is too low. ■ The end of the drain hose is submerged in water. ■ There is no vent in the end of the drain hose.
The machine does not empty and/or does not spin	■ The drain hose may be squashed or kinked. **(E10)** ■ The RINSE HOLD option has been selected. ■ The drain filter may be blocked. **(E10)** ■ The drain hose extension is not correct. Follow the instructions for connecting to the waste. ■ The drainage system pipes are blocked.
There is water on the floor	■ Too much detergent or unsuitable detergent has been used (creates too much foam). ■ Check whether there are any leaks from one of the inlet hose fittings. It is not always easy to see this as the water runs down the hose; check to see if it is damp. ■ The drain hose may be damaged or not securely positioned. ■ The detergent dispenser drawer or recess is clogged. ■ The drainage system pipes are blocked.
Unsatisfactory washing results	■ Too little detergent or unsuitable detergent has been used. An insufficient amount of detergent leaves the laundry looking grey and causes lime scale to form. ■ Stubborn stains have not been treated prior to washing. ■ The correct temperature to suit the wash programme has not been selected. ■ Too much laundry has been placed in the drum.
The machine vibrates when spinning	■ The internal packing has not been removed. ■ The machine is in contact with the wall or furniture. ■ The machine is not level. ■ The washing load is badly distributed in the drum. ■ Maybe there is very little laundry in the drum.

Symptom	Possible causes
The door will not open	■ The programme is still running. ■ The door lock has not yet released (door pilot light on). ■ The water level in the drum is too high or the machine is heating.
Spinning starts late or the machine does not spin	■ The electronic unbalance detection device has cut in because the laundry is not evenly distributed in the drum. The laundry is redistributed by reverse rotation of the drum. This may happen several times before the unbalance disappears and normal spinning can resume eventually at a lower speed, if the wash load is not perfectly distributed in the drum. If, after 15 minutes, the laundry is still not evenly distributed in the drum, the machine will not spin. In this case, redistribute the load manually and reselect the spin programme.
The machine makes an unusual noise	■ The machine is fitted with a type of motor which makes an unusual noise compared with other traditional motors. This new motor ensures a softer start and more even distribution of the laundry in the drum when spinning, as well as increased stability of the machine.
No water is visible in the drum	■ Machines based on modern technology operate very economically using very little water without affecting performance.
The machine will not dry or the laundry is not dry enough	■ The water tap is closed. **(E00)** ■ The drain filter is clogged. **(E10)** ■ The correct drying programme or time has not been selected. ■ There is too much laundry in the appliance. ■ The laundry has not been spun enough before drying.

If after all these checks, the problem persists, contact your local Service Force Centre, quoting the model and serial number. This information can be found on the rating plate (see picture).



Installation Instructions

⚠ It is dangerous to alter the specifications or attempt to modify this product in any way.

⚠ Care must be taken to ensure that the appliance does not stand on the electrical supply cable.

⚠ Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.

⚠ Any plumbing work required to install this appliance should be carried out by a qualified plumber or competent person.

Technical Specifications

DIMENSIONS	Height Width Depth	85 cm (33.5”) 60 cm (23.6”) 60 cm (23.6”)
POWER SUPPLY VOLTAGE TOTAL POWER ABSORBED		220-230 V/50 Hz 2200 W (10A)
WATER PRESSURE	Minimum Maximum	0.48 bar (4.8 N/cm^2) 7.6 bar (76 N/cm^2)
MAXIMUM RECOMMENDED LOAD	**Washing** Cotton, linen Synthetics Delicate fabrics Wool **Drying** Cotton, linen Synthetics	 5 kg (11 lbs) 2 kg (4.5 lbs) 2 kg (4.5 lbs) 1 kg (2.2 lbs) 2.5 kg (5.5 lbs) 2 kg (4.5 lbs)
SPIN SPEED	Maximum	1500 rpm

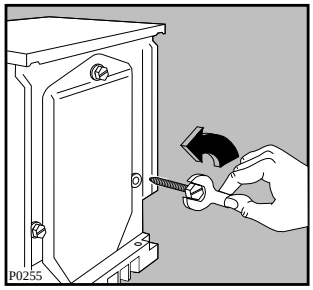
CE This appliance complies with the following E.E.C. Directives:
- 73/23 EEC of 19.2.73 (Low Voltage Directive) and subsequent modifications;
- 89/336 EEC of 3.5.89 (Electromagnetic Compatibility Directive) and subsequent modifications.

Unpacking

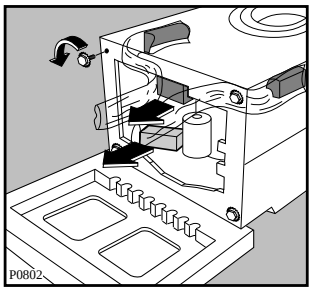
All transit bolts and packing must be removed before using the appliance.

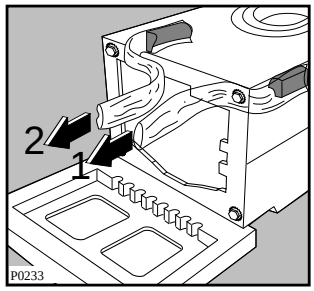
You are advised to keep all transit devices so that they can be refitted if the machine ever has to be transported again.

1. Using a spanner, unscrew and remove the rear right-hand bolt and lay the machine on its back, taking care not to squash the hoses. This can be avoided by placing one of the corner packing pieces between the machine and the floor.

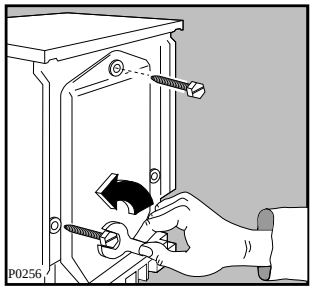


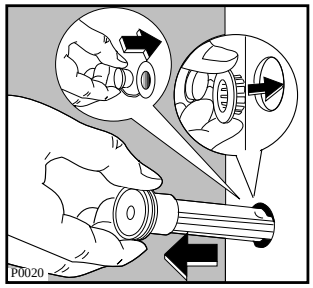
2. Remove the polystyrene block from the bottom of the machine and release the two plastic bags by removing the adhesive strip.
3. Carefully remove the right-hand bag (1) then the left-hand bag (2) by pulling them towards the centre of the machine.





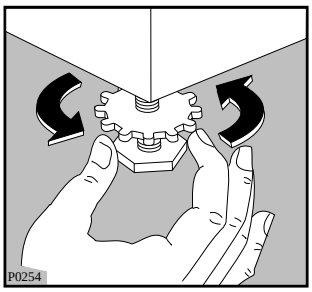
4. Set the machine u,pright and remove the two remaining bolts from the back.
5. Pull out the three plastic spacers from the holes into which the bolts were fitted.
6. Plug the open holes with the plugs which you will find in the plastic bag containing the instruction booklet.

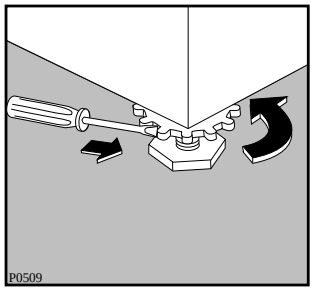




Positioning

Install the machine on a flat hard floor.
Make sure that air circulation around the machine is not impeded by carpets, rugs etc. Check that the machine does not touch the wall or other kitchen units.
Carefully level by screwing the adjustable feet in or out. Never place cardboard, wood or similar materials under the machine to compensate for any unevenness in the floor.
After having levelled the machine, tighten the lock nuts.



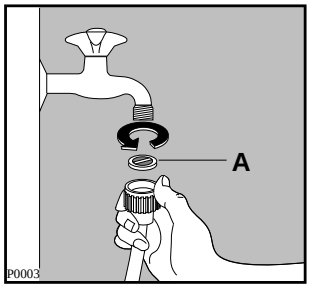


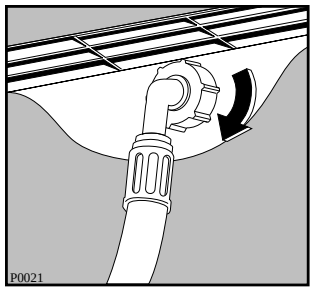
Water inlet

Connect the water inlet hose to a tap with a 3/4" thread after having inserted the small filter “A” supplied with the machine.

The other end of the inlet hose which connects to the machine can be turned in any direction. Simply loosen the fitting, rotate the hose and retighten the fitting, making sure there are no water leaks.

The inlet hose must not be lengthened. If it is too short and you do not wish to move the tap, you will have to purchase a new, longer hose specially designed for this type of use.





Water drainage

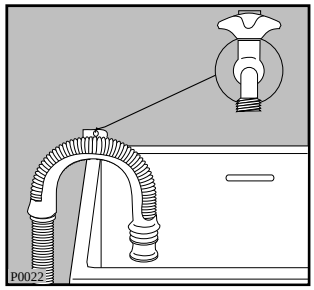
The end of the drain hose can be positioned in three ways:

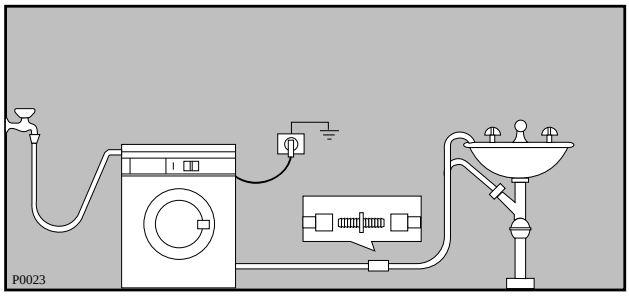
Hooked over the edge of a sink using the plastic hose guide supplied with the machine.
In this case, make sure the end cannot come unhooked when the machine is emptying.
This could be done by tying it to the tap with a piece of string or attaching it to the wall.

In a sink drain pipe branch. This branch must be above the trap so that the bend is at least 60 cm above the ground.

Directly into a drain pipe at a height of not less than 60 cm and not more than 90 cm.
The end of the drain hose must always be **ventilated,** i.e. the inside diameter of the drain pipe must be larger than the outside diameter of the drain hose.

The drain hose must not be kinked. Run it along the floor; only the part near the drainage point must be raised.





Electrical connection

This machine is designed to operate on a 220-230 V, single-phase, 50 Hz supply.

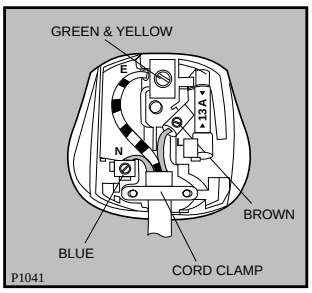
Check that your domestic electrical installation can take the maximum load required (2.2 kW), also taking into account any other appliances in use.

WARNING: THIS APPLIANCE MUST BE EARTHED.

⚠ **The manufacturer declines any liability should this safety measure not be observed.**

The appliance is supplied with a 13amp plug fitted.
In the event of having to change the fuse in the plug supplied, a 13amp ASTA approved (BS1362) fuse must be used.
Should the plug need to be replaced for any reason, proceed as described below.
The wires in the mains lead are coloured in accordance with the following code:

Green and Yellow	- Earth
Blue	- Neutral
Brown	- Live



The wire coloured green and yellow must be connected to the terminal marked with the letter «E» or by the earth symbol ⏚ or coloured green and yellow.

The wire coloured blue must be connected to the terminal «N» or coloured black.

The wire coloured brown must be connected to the terminal marked «L» or coloured red.
Upon completion there must be no cut, or stray strands of wire present and the cord clamp must be secure over the outer sheath.

WARNING:

⚠ **A cut off plug inserted into a 13 amp socket is a serious safety (shock) hazard.**
Ensure that the cut off plug is disposed of safely.

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